

## Certificate of Analysis

Date of Testing: 2022-05-07 12:04:29  
Date of Next Testing: 2022-11-06 12:04:29  
Product Name: **1-Vinyl-2-pyrrolidone**  
CAS Number: 88-12-0  
Specifications & Purity: 99%,contains 100 ppm sodium hydroxide as inhibitor  
Lot #: A22071112  
SKU #: **V106155**  
**Analysis:** **089088**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.512-1.515	1.51
Density (20°C)	1.044-1.047	1.04
Purity(GC)	99-100 (%)	99.45 %
Appearance (V106155)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stability (100 ppm Sodium hydroxide)	Conforms	Conforms



John Su  
QA & QC Manager